

WHAT IS CLAIMED IS:

1. A wall plate assembly comprising:

a wall plate body;

a set of male plug prongs extending from a back surface of the wall plate body;

an electrical function incorporated into the wall plate body, the electrical function configured to be electrically connected to the male plug prongs;

at least one plug receptacle electrically connected to the male plug prongs; and

an opening formed in the wall plate body for accommodating an outlet receptacle of an electrical wall outlet, wherein the opening and the male plug prongs are aligned so that the plug prongs can be inserted into an upper outlet receptacle of a wall outlet while a lower outlet receptacle is exposed through and framed by the opening.
2. The wall plate assembly according to claim 1, wherein the electrical function is selected from the group consisting of a night light, an air freshener, an air purifier, a thermometer, a surge protector, a circuit breaker, an alarm, a timer, a dimmer, an emergency light, a pest control module, a security module, an automation module, smoke detector, a carbon monoxide detector, and a motion sensor.
3. The wall plate assembly according to claim 2, wherein the electrical function is a night light, and the night light is formed as an electroluminescent light.
4. The wall plate assembly according to claim 2, wherein the electrical function is a night light, and the night light is an LED light.

5. The wall plate assembly according to claim 2, wherein the electrical function is a night light, and the night light is a fluorescent light.

6. The wall plate assembly according to claim 2, wherein the electrical function is a night light, and the night light is an incandescent light.

7. The wall plate assembly according to claim 1, wherein further comprising a switch provided on the wall plate body and electrically connected to the electrical function for controlling the electrical function.

8. The wall plate assembly according to claim 1, wherein the opening accommodates an outlet receptacle of a standard duplex type of wall outlet.

9. The wall plate assembly according to claim 1, wherein the opening accommodates an outlet receptacle of a GFCI, décor, or modern type of wall outlet.

10. A wall plate assembly comprising:

a housing unit;

a frame formed around the housing unit and which is sized and shaped to cover a wall plate;

a set of male plug prongs extending from a back surface of the housing;

an electrical function incorporated into the housing unit, the electrical function configured to be electrically connected to the male plug prongs;

at least one plug receptacle electrically connected to the male plug prongs; and

an opening formed in the housing unit for accommodating an outlet receptacle of an electrical wall outlet, wherein the opening and the male plug prongs are aligned so that the plug prongs can be inserted into an upper outlet receptacle of a wall outlet while a lower outlet receptacle is exposed through and framed by the opening.

11. The wall plate assembly according to claim 10, wherein the electrical function is selected from the group consisting of a night light, an air freshener, an air purifier, a thermometer, a surge protector, a circuit breaker, an alarm, a timer, a dimmer, an emergency light, a pest control module, a security module, an automation module, smoke detector, a carbon monoxide detector, and a motion sensor.

12. The wall plate assembly according to claim 11, wherein the electrical function is a night light, and the night light is formed as an electroluminescent light.

13. The wall plate assembly according to claim 11, wherein the electrical function is a night light, and the night light is an LED light.

14. The wall plate assembly according to claim 11, wherein the electrical function is a night light, and the night light is a fluorescent light.

15. The wall plate assembly according to claim 11, wherein the electrical function is a night light, and the night light is an incandescent light.

16. The wall plate assembly according to claim 10, wherein further comprising a switch provided on the housing unit and electrically connected to the electrical function for controlling the electrical function.

17. The wall plate assembly according to claim 10, wherein the opening accommodates an outlet receptacle of a standard duplex type of wall outlet.

18. The wall plate assembly according to claim 10, wherein the opening accommodates an outlet receptacle of a GFCI, décor, or modern type of wall outlet.